

[0026] Fig. 4 employs a diaphragm type of gasket seal, which will also be explained under FIGS. FIG. 7 and 8. Diaphragm seal 1 in FIG. 4 is a miniature seal of the same design as in FIGS. FIG. 7 and 8. Seal 1 is provided with openings 12 and 12A to pressurize the seal with fluid in the pipe line. The outer surface 21 of pipe 14 provides a seat for gasket 1. Through cavity 19 and openings 12 and 12A, fluid reaches internal cavities 13 and 13A, and pressurizes diaphragm seal 1, thus blocking the exit of fluid between 14 and 11. The lever jaws with their wight and power arms are not shown in FIG. 4. The FIG. 3 shows clearly groove G1 for the lever Jaw weight arm, and the groove 22 constructed in the ring welded to the pipe or around the pipe.

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